Regulatory Tracking Summary

07 February 2014

This report summarizes regulatory items reviewed by the NASA RRAC PC and includes items with direct applicability to NASA facilities and operations, as well as items of general interest. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "78 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility.

Members of the NASA stakeholder community who are interested in receiving regulatory updates and alerts by e-mail may self-enroll at https://lists.nasa.gov/mailman/listinfo/rrac. Previous issues of this regulatory summary and other materials are archived on the RRAC PC website at http://www.nasa.gov/offices/rrac/home/.

Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Manager, Sharon Scroggins at 256-544-7932 (sharon.scroggins@nasa.gov).

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Acronyms and Abbreviations

AQIP = Air Quality Improvement Program

ARB = Air Resources Board

AST = Aboveground storage tank

BAAQMD = Bay Area Air Quality Management District

BAT = Best Available Technology BMP = Best management practice

BPA = Bisphenol A

CAAC = Chemical Assessment Advisory Committee

Cal/OSHA = California Occupational Health and Safety Administration

CAPCOA = California Air Pollution Control Officers
Association

CAS = Chemical Abstract Service

CASAC = Clean Air Scientific Advisory Committee

CCHHG = Climate Change and Human Health Group

CCR = California Code of Regulations

CERCLA = Comprehensive Environmental Response,

Compensation, and Liability Act

CFR = Code of Federal Regulations

CRNR = California Regulatory Notice Register

CTG = Control Techniques Guidelines

DACT = 2,3-Diamino-6-chloro-s-triazine

DAPC = Division of Air Pollution Control

DEA = Des-ethyl atrazine

DecaBDE = Decabromodiphenyl ether

DfE = Design for the Environment

DFRC = Dryden Flight Research Center

DIA = Des-isopropyl atrazine

DOE = U.S. Department of Energy

DWA = Drinking Water Academy

e-Manifest = Electronic manifest

ECHA = European Chemicals Agency

EIS = Environmental Impact Statement

EKAPCD = Eastern Kern Air Pollution Control District

EPA = U.S. Environmental Protection Agency

EU = European Union

EVR = Enhanced vapor recovery

F.A.C. = Florida Administrative Code

FAR = Florida Administrative Register

FDEP = Florida Department of Environmental Protection

FGC = Federal Green Challenge

FR = Federal Register

g/L = Grams per liter

GHG = Greenhouse gas

GPC = Green Procurement Compilation

GRC = Glenn Research Center

GSA = General Services Administration

HAP = Hazardous air pollutant

HFE = Hydrofluoroether

HRS = Hazard Ranking System

INCA = Interagency National Climate Assessment Working
Group

IPCC = Intergovernmental Panel on Climate Change

IRIS = Integrated Risk Information System

ITRC = Interstate Technology and Regulatory Council

KSC = Kennedy Space Center

LaRC = Langley Research Center

LNAPL = Light non-aqueous phase liquid

MAB = Mississippi Administrative Bulletin

MDAQMD = Mojave Desert Air Quality Management District

NAAQS = National Ambient Air Quality Standards

NASA = National Aeronautics and Space Administration

NCDC = National Climatic Data Center NEPA = National Environmental Policy Act

NO₂ = Nitrogen dioxide

NOAA = National Oceanic and Atmospheric Administration

NOI = Notice of Intent

NO_x = Nitrogen oxides

NPDES = National Pollutant Discharge Elimination System

NPS = Non-point source

NSR = New Source Review

OAC = Ohio Administrative Code

OEHHA = Office of Environmental Health Hazard

Assessment

OEPA = Ohio Environmental Protection Agency

OSHA = Occupational Safety and Health Administration

OSHSB = Occupational Safety and Health Standards Board

PEL = Permissible exposure limit

PM_{2.5} = Particulate matter having an aerodynamic equivalent

diameter of 2.5 microns or less

ppm = Parts per million

REACH = Registration, Evaluation, Authorization and

Restriction of Chemicals

RIN = Regulatory Identification Number

RoHS = Restriction of Hazardous Substances

RRAC PC = Principal Center for Regulatory Risk Analysis and Communication

SAB = Science Advisory Board

SCAQMD = South Coast Air Quality Management District

SIP = State Implementation Plan SNUR = Significant New Use Rule

SSFL = Santa Susana Field Laboratory

SVHC = Substances of very high concern

SWC = Stormwater Calculator

SWRCB = State Water Resources Control Board

TCE = Trichloroethylene

TMDL = Total maximum daily load

TRI = Toxics Release Inventory

TRI-MEweb = Toxics Release Inventory Made Easy Web

TWA = Time-weighted average

U.S. = United States

UST = Underground storage tank

VAC = Virginia Administrative Code

VA.R. = Virginia Register

VDEQ = Virginia Department of Environmental Quality

VPDES = Virginia Pollution Discharge Elimination System

VOC = Volatile organic compound

WFF = Wallops Flight Facility

1.0 U.S. Federal Regulatory Review

1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts to NASA Centers and related operations.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED020714-1	Air	02/06/2014	<u>79 FR 7077</u>	Final Rule	U.S. Environmental Protection Agency	
	Engines		HTML PDF		Nonroad Technical Amendments [40 CFR Parts 1039, 1042, and 1068]	
					Finalizes amendments to provisions under the Transition Program for Equipment Manufacturers related to the Tier 4 standards for nonroad diesel engines, and to the replacement engine exemption for new nonroad engines. Effective 03/10/2014. [RIN 2060-AR48; 2127-AL31]	
FED020714-2	Air	02/05/2014	79 FR 6899	Notice	U.S. Environmental Protection Agency	
	Modeling		HTML PDF		Comment Request; Draft Supporting Materials for the Science Advisory Board Panel on the Role of Economy-Wide Modeling in U.S. EPA Analysis of Air Regulations	
					Solicits comments for the following materials: "Draft Analytic Blueprint on Economy-wide Modeling," which focuses on the use of economy-wide models to evaluate potential impacts of federal air regulations "Draft SAB Charge Questions on Economy-wide Modeling," which presents the primary topics to be addressed by the SAB panel Comments due 04/07/2014.	
FED020714-3	Air	02/06/2014	79 FR 7184	Notice	U.S. Environmental Protection Agency	
	NAAQS-NO ₂		HTML PDF		Release of Draft Integrated Review Plan for the Primary National Ambient Air Quality Standards for Oxides of Nitrogen	
					Announces availability of the draft "Integrated Review Plan for the Primary National Ambient Air Quality Standards for Nitrogen Dioxide," which includes plans for the review of the NO _x air quality criteria and NO ₂ NAAQS. Comments due 03/13/2014.	
FED020714-4	Air	01/29/2014	79 FR 4694	Notice	U.S. Environmental Protection Agency	
	NAAQS-Ozone		HTML PDF		Release of Draft Documents Related to the Review of the National Ambient Air Quality Standards for Ozone	
					Announces availability of the following draft documents in support of the Office of Air Quality Planning and Standards' review of the Ozone NAAQS: "Health Risk and Exposure Assessment for	
					"Policy Assessment for Usone" "Welfare Risk and Exposure Assessment for Usone" "Policy Assessment for the Review of the Ozone	
					National Ambient Air Quality Standards"	
					Comments due 03/24/2014.	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED020714-5	Air	01/29/2014	79 FR 4693	Notice	U.S. Environmental Protection Agency	
	NAAQS - Ozone		HTML PDF	Meeting	Notification of a Public Meeting of the Clean Air Scientific Advisory Committee (CASAC) Ozone Review Panel	
					Announces a public meeting to conduct peer review of the following draft documents: "Health Risk and Exposure Assessment for Ozone" "Welfare Risk and Exposure Assessment for Ozone" "Policy Assessment for the Review of the Ozone National Ambient Air Quality Standards" Meeting is scheduled to begin 03/25/2014 in Chapel Hill, North Carolina.	
					Draft documents will be made available at the CASAC meeting webpage prior to the meeting. Additional information is available on the CASAC website.	
FED020714-6	Climate Change	02/07/2014	<u>79 FR 7417</u>	Notice	U.S. Environmental Protection Agency	
			HTML PDF	Meeting	Request for Public Engagement in the Interagency Special Report on the Impacts of Climate Change on Human Health in the United States [40 CFR Part 82]	
					Solicits comments on the CCHHG and INCA draft report prospectus and special report, which will focus on impacts of observed and projected climate change on human health in the U.S. Public forum is scheduled for 03/13/2014 in Washington, D.C. Comments due 03/31/2014.	
					Additional information is available at the Global Change webpage.	
FED020714-7	Railroads	01/29/2014	79 FR 4633	Final Rule	Federal Railroad Administration	KSC should
			HTML PDF	Correction	Track Safety Standards; Improving Rail Integrity	be aware of this action.
					Corrects the Remedial Action Table, in Subpart D— Track Structure, in the final rule (79 FR 4233, 01/24/2014). [RIN 2130-AC28]	uno dodon.
FED020714-8	Toxic	02/06/2014	79 FR 7218	Notice	National Institutes of Health	
	Substances Carcinogens		HTML PDF	Meeting	Report on Carcinogens Webinar on Trichloroethylene; Notice of Public Webinar and Registration Information	
					Announces a public webinar, "Human Cancer Studies on Exposure to Trichloroethylene (TCE): Methods Used to Assess Exposure and Cancer Outcomes", scheduled for 03/17/2014.	
					Registration deadline is 03/13/2014. Webinar materials will be posted on the National Toxicology Program website.	
FED020714-9	Toxic	02/04/2014	79 FR 6470	Final Rule	U.S. Environmental Protection Agency	
	Substances SNUR		HTML PDF		Significant New Use Rule on Certain Chemical Substances [40 CFR Parts 9 and 721]	
					Final rule promulgates a SNUR for complex strontium aluminate, rare earth doped. Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for an activity designated as a significant new use by this rule. Effective 04/07/2014. [RIN 2070-AB27]	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED020714-10	Waste	02/07/2014	79 FR 7517	Final Rule	U.S. Environmental Protection Agency	
	Hazardous Waste		HTML PDF		Hazardous Waste Management System; Modification of the Hazardous Waste Manifest System; Electronic Manifests [40 CFR Parts 260, 262, 263, 264, 265, and 271]	
					Authorizes the use of e-Manifests to track offsite hazardous waste shipments and establishes a national e-Manifest system. The new e-Manifest system provides the option to complete, sign, transmit, and store the hazardous waste manifests electronically within the nationwide system. E-Manifest documents are an alternative to paper documents, although generators may choose to continue using paper documents. Effective 08/06/2014. [RIN 2050-AG20]	
					Although the final rule is effective 08/06/2014, the implementation and compliance date is delayed until the e-Manifest system is operational. Additional information is available on EPA's website.	

1.2 Other News and Developments

1.2.1 NCDC State of the Climate: Global Analysis 2013

The National Oceanic and Atmospheric Administration's (NOAA's) National Climatic Data Center (NCDC) has <u>announced</u> availability of the 2013 <u>"State of the Climate" report</u>. The report contains 12 monthly summaries of climate-related information, including temperature and precipitation data, on a <u>national</u> and a <u>global</u> scale. According to the report, the globally averaged temperature for 2013 tied as the fourth warmest year since recordkeeping began in 1880.

1.2.2 Hazardous Air Pollutant (HAP) Standards for Area Source Boilers Training Video

EPA has released a training <u>video</u> intended to review HAP emission standards for boilers located at area sources of HAPs. An area source is a facility that emits less than 10 tons per year of any one HAP and less than 25 tons per year of a combination of HAPs. Upcoming compliance deadlines for facilities with boilers subject to the New Source Performance Standards and the National Emission Standards for Hazardous Air Pollutants requirements for area sources are listed below:

Requirement	Compliance Date				
Initial Boiler Tune-ups (existing sources*)	03/21/2014				
Conduct Energy Assessment (existing sources, if applicable)	03/21/2014				
Notification of Compliance Status (existing sources)	07/19/2014				
Demonstration of Compliance with Emission Limits (existing sources)	09/17/2014				
*Existing sources consist of boilers constructed or reconstructed on or before 06/04/2010.					

1.2.3 European Regulatory Updates

As part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), the European Chemicals Agency (ECHA) has added three substances to the Registry of Intentions for Substances of Very High Concern (SVHCs). ECHA expects the technical dossiers for these substances to be submitted in February 2014. Dossier submittal is the first step of the process by which substances are considered for designation as SVHCs and addition to the Candidate List for Authorization. Substances on the SVHC Candidate List are eligible to be considered for listing on the Authorization List, REACH Annex XIV. Inclusion on the Authorization List would impose special

authorization requirements for continued manufacture and use in the EU. The substances added to the Registry of Intentions for SVHCs are provided in the following table:

Substance Name	CAS Number	Common Uses of Substance
Sodium peroxometaborate	7632-04-4	detergents, bleaches
Perboric acid, sodium salt	11138-47-9	detergents, bleaches
Sodium perborate	15120-21-5	detergents, bleaches

Additionally, as required under the recast of its Restriction on Hazardous Substances (RoHS2) Directive, the EU has released the "Study for the Review of the List of Restricted Substances under RoHS2" <u>final report</u>. The study contains a detailed review of the methodology used to add substances to Annex II of the Directive, the list of restricted substances in electrical and electronic equipment.

Although requirements associated with REACH and RoHS2 do not affect operations in the U.S. directly, they can affect the global supply chain and potentially reduce the future availability of regulated substances.

1.2.4 Electronic Toxic Release Inventory Reporting System

EPA recently announced availability of the Toxic Release Inventory–Made Easy Web (<u>TRI-MEweb</u>) electronic reporting system, as well as the reporting year 2013 forms and instructions. Effective 21 January 2014, facilities subject to TRI reporting requirements must use TRI-MEweb. The Calendar Year 2013 TRI reporting deadline is 01 July 2014. TRI-MEweb tutorials are available on EPA's TRI Program <u>webpage</u>.

1.2.5 EPA's Design for the Environment Releases Two Alternatives Assessments

EPA's Design for the Environment (DfE) program announced availability of final alternatives assessments for two substances: decabromodiphenyl ether (decaBDE) in flame-retardant applications and bisphenol A (BPA) in thermal paper coatings. DecaBDE is a flame retardant commonly used in electronics and textiles. Thermal paper is a type of paper coated with a thermal sensitive layer that reacts to the application of heat to form a printed image. The thermal coating formulations often contain BPA. Alternatives assessments evaluate and compare hazards associated with a substance and its potential alternatives in specific applications.

1.2.6 OSHA Work-related Injury and Illness Posting Requirement

Under the Occupational Safety and Health Administration (OSHA) recordkeeping regulation (29 CFR 1904), all employers with more than 10 employees are required to maintain records of work-related injuries and illnesses using OSHA Forms 300, 300A, and 301. Employers that are required to log injuries and illnesses must post Form 300A, "Summary of Work-Related Injuries and Illness," in visible area(s) of the workplace 01 February through 30 April every year. Additional information is available on the OSHA website.

1.2.7 ASTM Guide for Greener Cleanups

EPA and ASTM International released <u>ASTM E2893-13</u>, "Standard Guide for Greener Cleanups," which provides best management practices and sustainable methods for cleanup of contaminated sites. In response to publication of the new ASTM guide, EPA issued a <u>memorandum</u> emphasizing correct implementation of the ASTM standard, with the intent of reducing the overall environmental footprint of cleanup activities.

1.2.8 National Stormwater Calculator Update

EPA has <u>released</u> an update for the National Stormwater Calculator (SWC), which is an application that uses local soil conditions, land cover, and historic precipitation data to estimate future quantities of rain and frequency of runoff from a user-defined area in the U.S. The update adds optional future climate vulnerability scenarios based on information from the Intergovernmental Panel on Climate Change (<u>IPCC</u>). Additional information, an updated user's guide, basic fact sheet, and technical fact sheet are available on the EPA SWC <u>webpage</u>.

1.2.9 Hazard Ranking System Webinar Series

EPA's CERCLA Education Center has scheduled a series of <u>webinars</u> that will focus on the Hazard Ranking System (<u>HRS</u>). HRS is a numerical-based screening system that determines the potential threat to human health or the environment from uncontrolled waste sites on the National Priorities List. The series will focus on the revised HRS structure and provide guidance for completing HRS documentation packages. The series consists of nine sessions in March and April 2014. The webinar schedule is as follows:

Course	Training Date
Overview of the HRS and Documentation Requirements	10 March 2014
Sources and Waste Characterization, Likelihood of Release, and Targets	18 March 2014
Sources Exercise	20 March 2014
Overview of the Groundwater Migration Pathway	25 March 2014
Groundwater Migration Pathway Exercise	27 March 2014
Overview of the Surface Water Migration Pathway	01 April 2014
Surface Water Migration Pathway Exercise	03 April 2014
Overview of the Soil Exposure and Air Migration Pathways	08 April 2014
Soil Exposure Pathway and Air Migration Pathway Exercise	10 April 2014

Participants must attend all nine listed sessions to receive credit. Registration is required for each session.

1.2.10 Safe Drinking Water Act Training

EPA's Office of Groundwater and Drinking Water recently established the Drinking Water Academy (<u>DWA</u>), which provides training and resources on requirements of the Safe Drinking Water Act and its 1996 amendments. Specifically, the DWA contains resources for conducting a sanitary survey and training files about the following topics:

- Introduction and overview
- Climate ready water utilities
- National drinking water rules
- Public water system supervision program
- Public water system operation

- Source water protection program
- Underground injection control program
- Water Laboratory Alliance training center
- Slides from past webinars

1.2.11 Federal Green Challenge Webinar

EPA has scheduled a Federal Green Challenge (FGC) <u>webinar</u> on 27 February 2014 that will focus on purchasing recycled paper and updates to the General Services Administration's (GSA's) Green Procurement Compilation (<u>GPC</u>). The GPC is a resource for researching and purchasing products and services that comply with federal agencies' procurement requirements with the intention of minimizing environmental impacts. <u>Registration</u> is required for attendance.

1.2.12 Light Non-aqueous Phase Liquid Webinar Series

The Interstate Technology and Regulatory Council (ITRC) has scheduled a series of <u>webinars</u> intended to provide an overview of light non-aqueous phase liquid (LNAPL) contamination and techniques available to remove them from contaminated media. LNAPLs are organic liquids that are not soluble in water and have a lower specific gravity than water. The webinar schedule is as follows:

Course	Training Date
Part 1: An Improved Understanding of LNAPL Behavior in the Subsurface - State of	04 March 2014
Science vs. State of Practice	
Part 2: LNAPL Characterization and Recoverability - Improved Analysis	06 March 2014
Part 3: Evaluation LNAPL Remedial Technologies for Achieving Project Goals.	11 March 2014

Registration is required for each session.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 19 February 2014, at 10 a.m. Central Time.

2.0 State Regulatory Reviews

The following sections provide details about the regulatory actions reviewed for selected states in which NASA facilities and related operations are located.

2.1 Alabama State Regulatory Review

No regulatory items of interest were identified during this reporting period for Alabama.

2.2 California State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in <u>California</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA020714-1	Natural	02/07/2014	79 FR 7439	Notice	U.S. Department of Energy	SSFL should
	Resources EIS		HTML PDF		Amended Notice of Intent to Prepare an Environmental Impact Statement for Remediation of Area IV and the Northern Buffer Zone of the Santa Susana Field Laboratory and Conduct Public Scoping meetings	be aware of this action.
					Announces amendments to the 2008 NOI to prepare an EIS under NEPA for cleanup of Area IV and the Northern Buffer Zone at SSFL (73 FR 28437, 05/16/2008). The amendments propose a revised scope for the EIS, including cleanup concepts for remediation of the subject areas. Public scoping meetings are scheduled for 02/27/2014 in Simi Valley, California; and 03/01/2014 in Calabasas, California. Comments due 03/10/2014.	
					The DOE's intentions for the EIS will evaluate reasonable alternatives for disposition of radiological facilities and support buildings, remediation of contaminated soil and groundwater, and disposal of the resulting waste at permitted facilities.	
CA020714-2	Occupational	01/31/2014	CRNR 2014,		Occupational Safety and Health Standards Board	
	Safety Airborne		<u>05z, p. 160</u>		Notice of Proposed Changes: Airborne Contaminants, Hydrogen Chloride [8 CCR 5155]	
	Contaminants				Proposes to reduce the hydrogen chloride PELs to the following: • 0.3 ppm for 8-hour TWA • 2 ppm for ceiling level Public hearing is scheduled for 03/20/2014 in Oakland, California. Comments due 03/20/2014.	
					Additional information is available on the OSHSB website.	
CA020714-3	Occupational	01/31/2014	CRNR 2014,	Final Rule	California Occupational Safety and Health Division	
	Safety Violations		05z, p. 212		Classification of Cal/OSHA Violations and Definitions [8 CCR 334]	
					Establishes when and how an employer may rebut a presumption that a "serious violation" exists in a place of employment. Effective 01/21/2014.	
CA020714-4	Storage Tanks	01/31/2014	CRNR 2014,	Final Rule	Department of Industrial Relations	
	Inspection Fees		05z, p. 212		Inspection and Permit Fees, Tanks and Boilers [8 CCR 344 and 344.1]	
					Increases the hourly inspection fees and charge for mileage associated with scheduled inspection of air tanks, liquid petroleum gas tanks, and boilers. Effective 01/21/2014.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA020714-5	Toxic Substances Proposition 65	01/31/2014	CRNR 2014, 05z, p. 180	Proposed Rule	Office of Environmental Health Hazard Assessment Proposition 65 Adoption of Labor Code Regulation [27 CCR 25904]	
	, reposition of				Proposes regulations intended to clarify the procedure and criteria used to add and remove chemicals from the list of chemicals known to the state to cause cancer or reproductive toxicity under the labor code listing mechanism. Public hearing is scheduled for 03/21/2014 in Sacramento, California. Comments due 04/04/2014.	
					Additional information is available on the OEHHA website.	
CA020714-6	Toxic	01/31/2014	CRNR 2014,	Notice	Office of Environmental Health Hazard Assessment	
	Substances Proposition 65		<u>05z, p. 186</u>		Chemicals Known to the State to Cause Cancer or Reproductive Toxicity: 01/31/2014	
					Announces availability of the updated <u>list</u> of substances known to the state to cause cancer or reproductive toxicity.	
CA020714-7	Toxic Substances	02/07/2014	CRNR 2014, 06z, p. 254	Proposed Rule	Office of Environmental Health Hazard Assessment	
	Proposition 65		<u>002, p. 204</u>	Tuic	Notice of Intent to List: Atrazine, Propazine, Simazine, and their Chlorometabolites DACT, DEA and DIA [27 CCR 25306]	
					Announces the intent to list the following substances as known to the state to cause reproductive toxicity under the authoritative bodies listing mechanism: - Atrazine - Propazine - Simazine - DIA Comments due 03/10/2014.	
					Substances are herbicides and their breakdown products. Additional information is available on the OEHHA website.	
CA020714-8	Toxic Substances Proposition 65–	02/07/2014	CRNR 2014, 06z, p. 253	Proposed Rule	Office of Environmental Health Hazard Assessment Notice of Intent to List: Beta-Myrcene [27 CCR 25306]	
	Beta-Myrcene				Announces the intent to list beta-myrcene as known to the state to cause cancer under the authoritative bodies listing mechanism. Comments due 03/10/2014.	
					Beta-myrcene is used in chemicals production and other applications. Additional information is available on the OEHHA website.	
CA020714-9	Toxic	02/07/2014	CRNR 2014,	Proposed	Office of Environmental Health Hazard Assessment	
	Substances Proposition 65– Megestrol		<u>06z, p. 250</u>	Rule	Notice of Intent to List a Chemical by the "Formally Required to be Labeled or Identified" Mechanism: Megestrol Acetate [27 CCR 25902]	
	Acetate				Announces the intent to list megestrol acetate as known to the state to cause cancer under the formally required to be labeled or identified listing mechanism. Comments due 03/10/2014.	
					Megestrol acetate is a pharmaceutical. Additional information is available on the OEHHA website.	
CA020714-10	Toxic	02/07/2014	CRNR 2014,	Proposed	Office of Environmental Health Hazard Assessment	
	Substances Proposition 65–		<u>06z, p. 251</u>	Rule	Notice of Intent to List: Nitrite in Combination with Amines or Amides [27 CCR 25306]	
	Nitrite with Amines or Amides				Announces the intent to list nitrite in combination with amines or amides as known to the state to cause cancer under the authoritative bodies listing mechanism. Comments due 03/10/2014.	
					Proposed listing primarily focuses on food products. Additional information is available on the OEHHA website.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA020714-11	Toxic	02/07/2014	CRNR 2014,	Proposed	Office of Environmental Health Hazard Assessment	
	Substances Proposition 65–		<u>06z, p. 258</u>	Rule	Notice of Intent to List Pulegone by the Labor Code Mechanism [27 CCR 25249]	
	Pulegone				Announces the intent to list pulegone as known to the state to cause cancer under the Labor Code listing mechanism. Comments due 03/10/2014.	
					Pulegone occurs naturally in certain plants. Additional information is available on the OEHHA website.	
CA020714-12	Toxic	01/31/2014	CRNR 2014,	Final Rule	Office of Environmental Health Hazard Assessment	NASA Centers
	Substances Proposition 65– TCE		05z, p. 205		Chemical Listed Effective 01/31/2014 as Known to the State of California to Cause Reproductive Toxicity: Trichloroethylene [27 CCR 25306]	and related facilities should be aware of
					Adds TCE to the list of chemicals known to the state to cause reproductive toxicity under the authoritative bodies listing mechanism. Effective 01/31/2014.	this action.
					TCE is used in coatings, adhesives, and other formulated materials, as well as in precision cleaning and vapor degreasing applications. It is already listed as a carcinogen under Proposition 65. Additional information is available on the OEHHA website.	
CA020714-13	Water	01/24/2014	<u>SWRCB</u>	Proposed	State Water Resources Control Board	DFRC and
	Lahontan Region		Website	Rule	Proposed Amendments to the Lahontan Region Basin Plan	Goldstone Tracking Facility should
					Proposes the following amendments to the Water Quality Control Plan for the Lahontan Region: Clarify anti-degradation policy. Add mixing zone provisions. Revise waste discharge prohibitions and exemptions. Make editorial adjustments. Public hearing is scheduled for 04/09/2014 through 04/10/2014 in South Lake Tahoe, California. Comments due 03/14/2014.	be aware of this action.

2.2.1 California Water Action Plan

On 27 January 2014, the California Natural Resources Agency, California Department of Food and Agriculture, and California Environmental Protection Agency <u>released</u> the final "<u>California Water Action Plan</u>." The intent of the plan is to provide guidance regarding sustainable water management, addressing issues such as water conservation, ecosystem protection and restoration, and preparation for dry periods. Additional information is available at the California Department of Water Resources <u>website</u>.

2.2.2 Air Quality Improvement Program Funding Plan Investments

The <u>California Air Resources Board</u> has scheduled work group meetings in Sacramento, California, to discuss the development and expansion of Air Quality Improvement Program (<u>AQIP</u>) incentive projects in support of the Fiscal Year 2014-15 AQIP Funding Plan. The AQIP promotes clean vehicle and equipment projects, as well as low-carbon transportation projects. The <u>work group</u> meetings schedule is available as follows:

Course	Training Date
Advanced Technology Freight Demonstrations	02/18/2014
Long-Term AQIP Planning	02/19/2014
Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project	02/19/2014

2.2.3 California Diesel Vehicle Regulation Training

The <u>California Air Resources Board</u> recently added additional training dates for courses focusing on California's diesel vehicle regulations. The purpose of these courses is to provide diesel vehicle owners, operators, and maintenance personnel with information about the requirements and technologies available to assist with regulations compliance. The schedule and the locations of the courses are as follows:

Course	Training Date	Location
#504: In-Use Off-Road Diesel Vehicle Regulation Tracking	02/19/2014	Diamond Bar, California
#524. How to Comply with the Truck and Due Deculation	02/26/2014	Webinar
#521: How to Comply with the Truck and Bus Regulation	02/28/2014	Stockton, California

2.2.4 California Air Districts Regulatory Review

2.2.4.1 Antelope Valley Air Quality Management District

No regulatory items of interest were identified during this reporting period for the <u>Antelope Valley Air Quality Management District</u>.

2.2.4.2 Bay Area Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the <u>Bay Area Air Quality Management District</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAB020714-1	Air	01/21/2014	<u>BAAQMD</u>	Notice	Bay Area Air Quality Management District	
	GHG		Website		CAPCOA GHG Reduction Exchange Public Workshop/Webinar Webcast	
					Announces availability of a <u>webcast</u> of the CAPCOA GHG Reduction Exchange Public Workshop/Webinar given on 01/21//2014.	

2.2.4.3 Eastern Kern Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the Eastern Kern Air Pollution Control District.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAE020714-1	Air	01/30/2014	EKAPCD	Notice	Eastern Kern Air Pollution Control District	
			<u>Website</u>		List of Regulatory Control Measures to be Considered in 2014	
					Announces availability of the <u>List of Regulatory</u> <u>Control Measures to be Considered in 2014</u> , which communicates regulatory control measures the district proposes to consider amending or adopting in 2014.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAE020714-2	Air	02/06/2014	EKAPCD	Notice	Eastern Kern Air Pollution Control District	DFRC and
	Coatings		<u>Website</u>	Hearing	Notice of Public Hearing on Proposed Drafts and Amendments to Rules and Regulations	other NASA- related
					Announces a public hearing to consider adoption of the following: Proposed amendment to Rule 410.4 - Metal, Plastic, and Pleasure Craft Parts and Products Coating Operations Proposed amendment to Rule 410.4A - Motor Vehicle and Mobile Equipment Refinishing Operations Proposed Draft Rule 410.8 - Aerospace Assembly and Coating Operations Proposed Draft Rule 410.9 - Wood Products Surface Coating Operations Proposed Draft Rule 432 - Polyester Resin Operations	operations should be aware of this item.
					If adopted, the rules will be submitted to EPA for inclusion in the California SIP. Public hearing is scheduled for 03/13/2014 in Rosamond, California. Comments due 03/07/2014.	

2.2.4.4 Mojave Desert Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the <u>Mojave Desert Air Quality Management District</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAM020714-1	Air	01/30/2014	<u>MDAQMD</u>	Notice	Mojave Desert Air Quality Management District	
	ASTs-Vapor Recovery		<u>Website</u>		Update on Phase I EVR Upgrade for Aboveground Storage Tanks	
					Announces availability of a compliance advisory notifying owners and operators of permitted ASTs with annual throughputs of less than 60,000 gallons that Phase I EVR equipment does not need to be installed at this time. A decision regarding permanent exemption status will be based on the ARB's update to Advisory 393, which is expected near the end of 2014.	
CAM020714-2	Air	1/30/2014	MDAQMD	Notice	Mojave Desert Air Quality Management District	Goldstone Tracking Facility should be aware of this action.
	USTs-Vapor Recovery		<u>Website</u>		EVR Phase I Testing Required for Underground Gas Tanks	
					Announces availability of a compliance advisory notifying owners and operators of gasoline USTs that all Phase I EVR systems will require vapor recovery testing at least once every 12 months.	

2.2.4.5 South Coast Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the <u>South Coast Air Quality Management District</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS020714-1	Air	02/05/2014	SCAQMD	Notice	South Coast Air Quality Management District	NASA-related
	Coatings		Website		Adhesive and Sealant Applications [Rule 1168]	operations should be
					Announces availability of the 02/05/2014 working group meeting presentation regarding proposed amended Rule 1168, as well as the Working Group Preliminary Draft Rule 1168 (Version 3).	aware of this action.
					As proposed, this rule would not apply to otherwise relevant materials or processes that are subject to Rule 1124, Aerospace Assembly and Component Manufacturing Operations.	
CAS020714-2	Air	02/06/2014	SCAQMD Website	Notice	South Coast Air Quality Management District	
	Coatings				Graphic Arts [Rule 1130]	
					Announces the availability of the Proposed Amended Rule 1130 text and Preliminary Draft Staff Report. Proposed rule would incorporate federal CTG provisions for printing operations, including the following: • Adds fountain solution VOC requirements. • Makes revisions to control devices and efficiencies. • Prohibits storage of noncompliant materials at the worksite. • Exempts graphic arts materials with VOC content of 10 g/L or less. Comments due 02/21/2014.	

2.2.4.6 Ventura County Air Pollution Control District

No regulatory items of interest were identified during this reporting period for the <u>Ventura County Air Pollution Control District</u>.

2.3 Florida State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in <u>Florida</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL020714-1	Water	02/04/2014	FAR Notice	Notice	Department of Environmental Protection	
Clean Marina		<u>#14135730</u>	Workshop	Clean and Resilient Marina Compliance Assistance Workshop		
					Announces a workshop for new and existing marine and freshwater marinas, boatyards, and retailers to discuss the following topics: • Marina safety measures • Regulations • BMPs • Clean Marina Program Workshop is scheduled for 02/25/2014 in St. Petersburg, Florida.	
					Further information is available on FDEP's Clean Marina program webpage.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL020714-2	Water	02/04/2014	FAR Notice	Notice	Department of Environmental Protection	
	Clean Marina		<u>#14136215</u>	Meeting	Clean Boating Partnership	
					Announces a meeting to review discussion items and recommendations concerning FDEP's Clean Marina Program and Clean Vessel Act Program. Meeting is scheduled for 02/25/2014 and 02/26/2014 in St. Petersburg, Florida.	
				Further information is available on FDEP's Clean Marina program webpage.		
FL020714-3		02/04/2014	FAR Notice	Notice	Department of Environmental Protection	
Surface Wate	Surface Water		<u>#14130880</u>	Meeting	Bacteria Technical Advisory Committee	
					Announces a meeting to discuss options for expressing a statewide bacteriological TMDL and implementation provisions to expedite restoration activities. Rule development discussion also will include the following actions: Revise fecal indicator bacteria surface water quality criteria in Chapter 62-302, F.A.C., "Surface Water Quality Criteria." Revise impaired water methodologies in Chapter 62-303, F.A.C., "Identification of Impaired Surface Waters." Establish statewide bacteria TMDLs in Chapter 62-304, F.A.C., "Total Maximum Daily Loads." Develop appropriate restoration actions to implement the TMDL. Meeting is scheduled for 02/19/2014 in Jacksonville, Florida, or is available as a webinar.	

2.4 Louisiana State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in <u>Louisiana</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
LA020714-1	Air	01/28/2014	79 FR 4436	Proposed	U.S. Environmental Protection Agency	
	SIP		HTML PDF	Rule	Approval and Promulgation of Implementation Plans; Louisiana; Interstate Transport of Fine Particulate Matter [40 CFR Part 52]	
					Proposes to approve a SIP submittal determining that the existing SIP is adequate to prohibit pollutant emissions from significantly contributing to nonattainment or interfering with maintenance of the 2006 PM _{2.5} NAAQS. Comments due 02/27/2014.	

2.5 Maryland State Regulatory Review

No regulatory items of interest were identified during this reporting period for Maryland.

2.6 Mississippi State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in <u>Mississippi</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MS020714-1	Waste	02/06/2014	MAB #20323	Proposed	Mississippi Department of Environmental Quality	
	Hazardous Waste			Rule	Mississippi Hazardous Waste Management Regulations (11 Mississippi Administrative Code Part 3, Chapter 1)	
					Proposes to adopt federal regulations for Conditional Exclusions for Solvent-Contaminated Wipes, which would include technical amendments and removal of previous errors (78 FR 46447, 07/31/2013). Draft rule language is available for review. Public hearing is scheduled for 03/06/2014 in Jackson, Mississippi. Comments due 03/06/2013.	

2.7 New Mexico State Regulatory Review

No regulatory items of interest were identified during this reporting period for New Mexico.

2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in <u>Ohio</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH020714-1	Air	02/07/2014	DAPC-What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency	
	BAT		NOW		BAT Requirements for Permits Issued On or After February 7, 2014	
				Announces availability of the revised BAT <u>guidance</u> <u>document</u> for new or modified sources that were installed or modified on or after 02/07/2014. Effective 02/07/2014.		
OH020714-2	Air SIP	02/06/2014	DAPC-What's New	Notice	Division of Air Pollution Control, Ohio Environmental Protection Agency	
	Oii				General Conformity [OAC 3745-102]	
					Solicits comments about potential rescission of the General Conformity rule, as it closely follows the federal rule. Comments due 03/10/2014.	
OH020714-3	Air	02/07/2014	79 FR 7412 HTML PDF		U.S. Environmental Protection Agency	
	SIP				Approval and Promulgation of Air Quality Implementation Plans; Ohio; Test Methods and Error Correction [40 CFR Part 52]	
					Proposes to correct a direct final rule that approved various revisions to OEPA regulations, including consolidation of air quality standards into a new chapter and adjustments of federal rule cross references to related Ohio regulations (75 FR 65572, 10/26/2010). Comments due 03/10/2014.	
OH020714-4	Air	02/07/2014	79 FR 7410	Proposed	U.S. Environmental Protection Agency	
	SIP-PM _{2.5}	HTML PDF	F Rule	Approval of Air Quality Implementation Plans; Indiana, Ohio; "Infrastructure" SIP State Board Requirements for the 2006 24-Hour PM _{2.5} NAAQS [40 CFR Part 52]		
					Proposes to approve elements of Ohio's SIP regarding the 24-hour PM _{2.5} NAAQS. Comments due 03/10/2014.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH020714-5	Water	01/31/2014	Public Notices	Notice	Division of Surface Water, Ohio Environmental Protection Agency	GRC should be aware of
	Permitting				Final Issuance of NPDES Permit Renewal	this action.
			Announces final issuance of GRC NPDES Permit (3IO00001*ID) renewal. Effective date 03/01/2014.			

2.9 Texas State Regulatory Review

No regulatory items of interest were identified during this reporting period for <u>Texas</u>.

2.10 Utah State Regulatory Review

No regulatory items of interest were identified during this reporting period for <u>Utah</u>.

2.11 Virginia State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in <u>Virginia</u>.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA020714-1	Air NSR	02/10/2014	30:12 VA.R. 1633-1642	Final Rule	State Air Pollution Control Board, Virginia Department of Environmental Quality	WFF and LaRC should be aware of this action.
					Permits for Stationary Sources [9VAC5-80]	
					Direct final rule revises the definition of "nonroad engine" to include portable and temporary engines, thereby increasing the number of engines exempt from minor NSR permitting requirements. Effective 03/27/2014. Comments due 03/12/2014.	
VA020714-2	Air VOCs	02/10/2014	30:12 VA.R. 1624-1633	Final Rule	State Air Pollution Control Board, Virginia Department of Environmental Quality	
					General Definitions [9VAC5-10]	
					Direct final rule revises the definition of "VOC" to include the following on the list of compounds not considered to be VOCs: HFE-134 HFE-236cal2 HFE-338pcc13 H-Galden 1040x or H-Galden ZT 130 [or 150 or 180]	
VA020714-3	Hazardous Materials Transportation	02/10/2014	30:12 VA.R. 1642-1643	Final Rule	Effective 03/27/2014. Comments due 03/12/2014. Virginia Waste Management Board, Virginia Department of Environmental Quality	
					Regulations Regarding the Transportation of Hazardous Materials [9VAC20-110]	
					Finalizes <u>amendments</u> to incorporate recent updates to federal regulations. Effective 03/12/2014.	
VA020714-4	Natural	d-Atlantic cean	VDEQ Website	Notice	Virginia Department of Environmental Quality	
	Resources Mid-Atlantic Ocean Management			Meetings	Draft Mid-Atlantic Regional Ocean Planning Framework	
					Announces a <u>public webinar</u> on the <u>Draft Mid-Atlantic Regional Ocean Planning Framework</u> scheduled for 02/14/2014. A <u>public listening</u> <u>session</u> is scheduled for 03/20/2014 in Norfolk, Virginia. Comments due 04/15/2014.	
					Additional information is available on the Mid- Atlantic Regional Planning Body webpage.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA020714-5	Waste Hazardous Waste	02/10/2014	30:12 VA.R. 1642	Final Rule	Virginia Waste Management Board, Virginia Department of Environmental Quality	
					Hazardous Waste Regulations [9VAC20-60]	
					Finalizes amendments to incorporate the related federal requirements updates as of 07/01/2013 and to adopt the federal conditional exclusions for solvent-contaminated wipes (78 FR 46447, 07/31/2013. Effective 03/12/2014.	
VA020714-6	Water	02/10/2014	30:12 VA.R. 1706	Final Rule	State Water Control Board, Virginia Department of	
	VPDES			Correction	Environmental Quality	
					General VPDES Permit for Discharges of Stormwater Associated with Industrial Activity [9VAC25-151]	
					Corrects minor editorial errors in the final regulation (30:11 VA.R. 1467-1551, 01/27/2014). Effective 07/01/2014.	
VA020714-7	Water	02/10/2014	30:12 VA.R. 1702	Notice	Virginia Department of Environmental Quality	
	Water Quality			Meeting	Total Maximum Daily Loads–Chesapeake Bay	
					Announces a meeting to present preliminary milestones for the restoration of the Chesapeake Bay, as well as development of a statewide NPS Management Plan. Meeting is scheduled for 02/25/2014 and available as a webcast at each VDEQ regional office, including Virginia Beach, Virginia.	